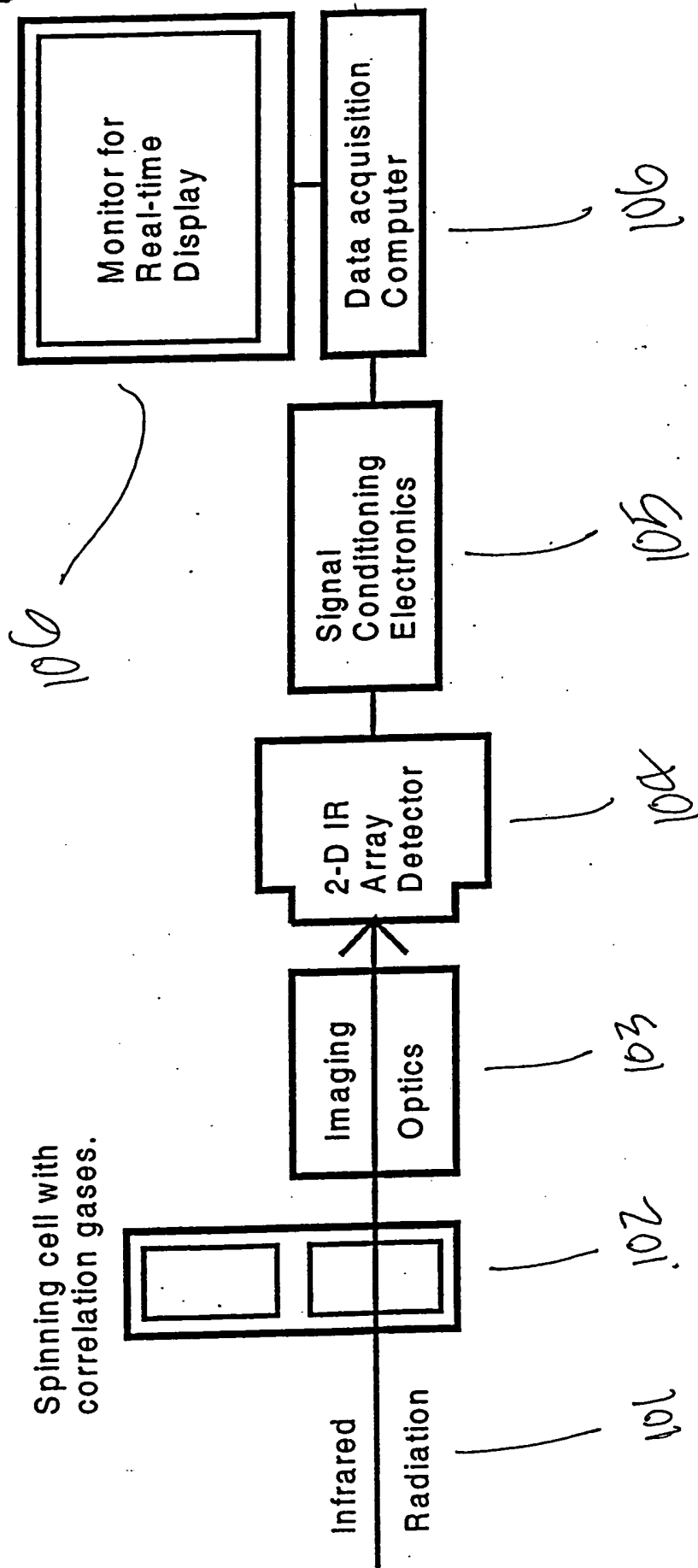


**Figure 1:**

**Schematic diagram of gas correlation camera (CORCAM) system.**



**Figure 2:**  
**Schematic diagram of gas correlation camera (CORCAM) system.**

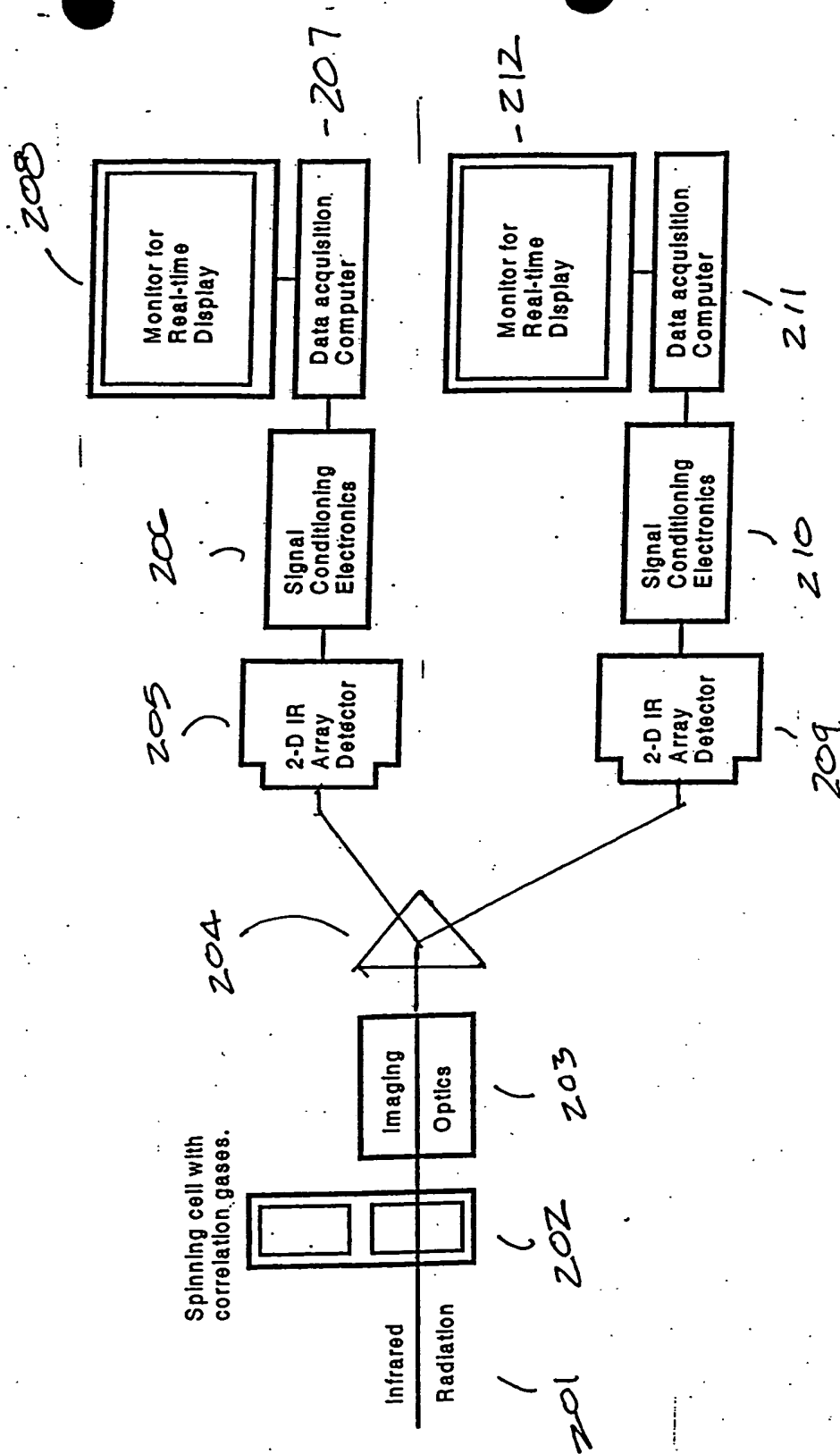
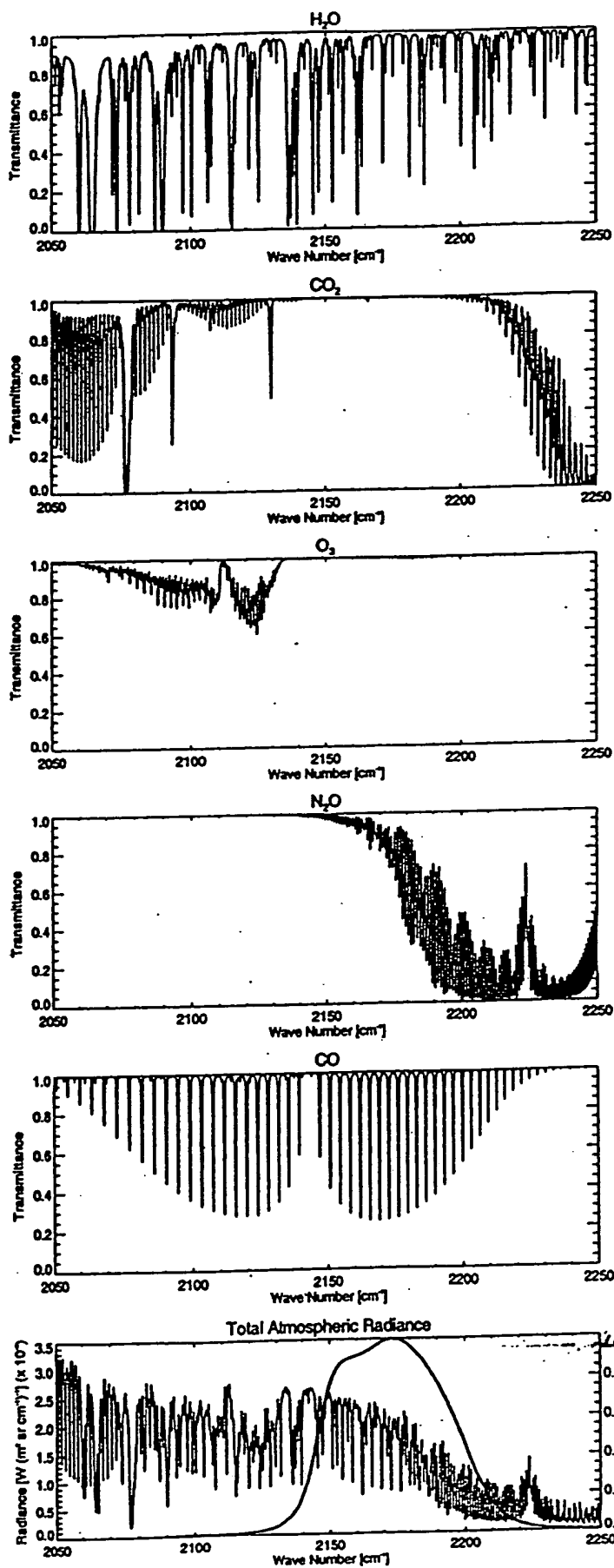
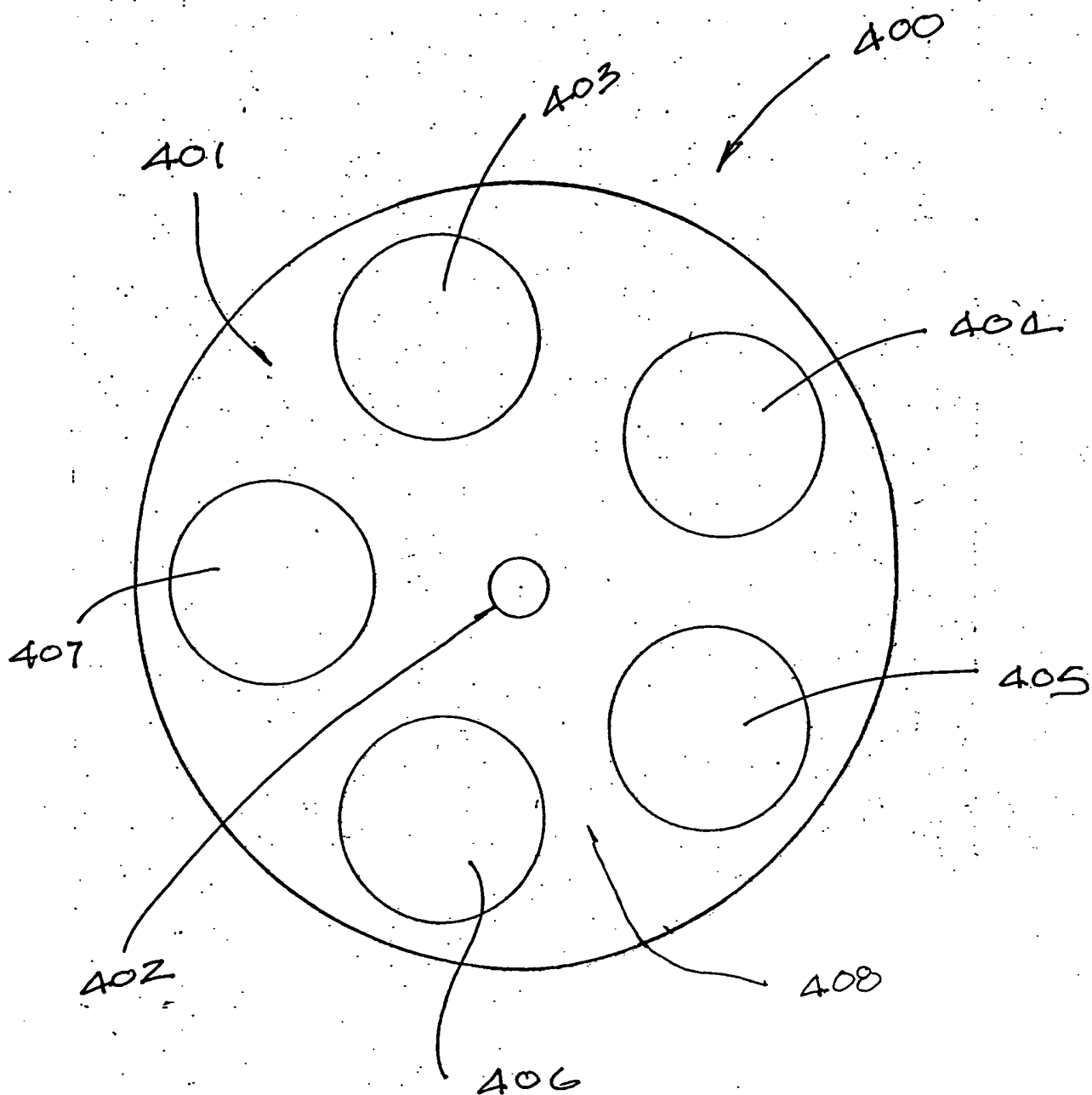


Figure 3: Atmospheric transmittance and radiance near  $4.6 \mu\text{m}$



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FIGURE 4



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FIGURE 5

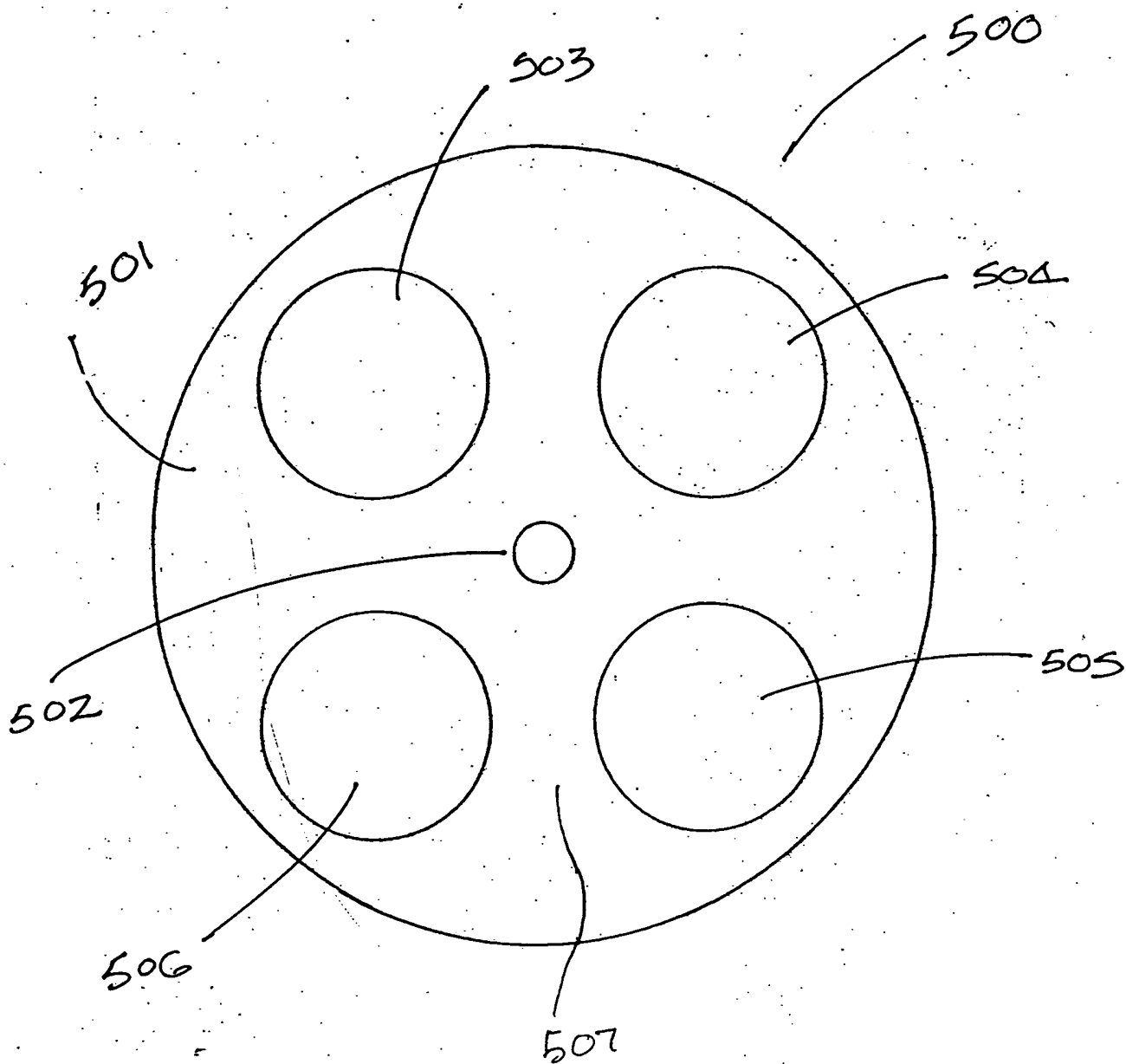


FIG. 5

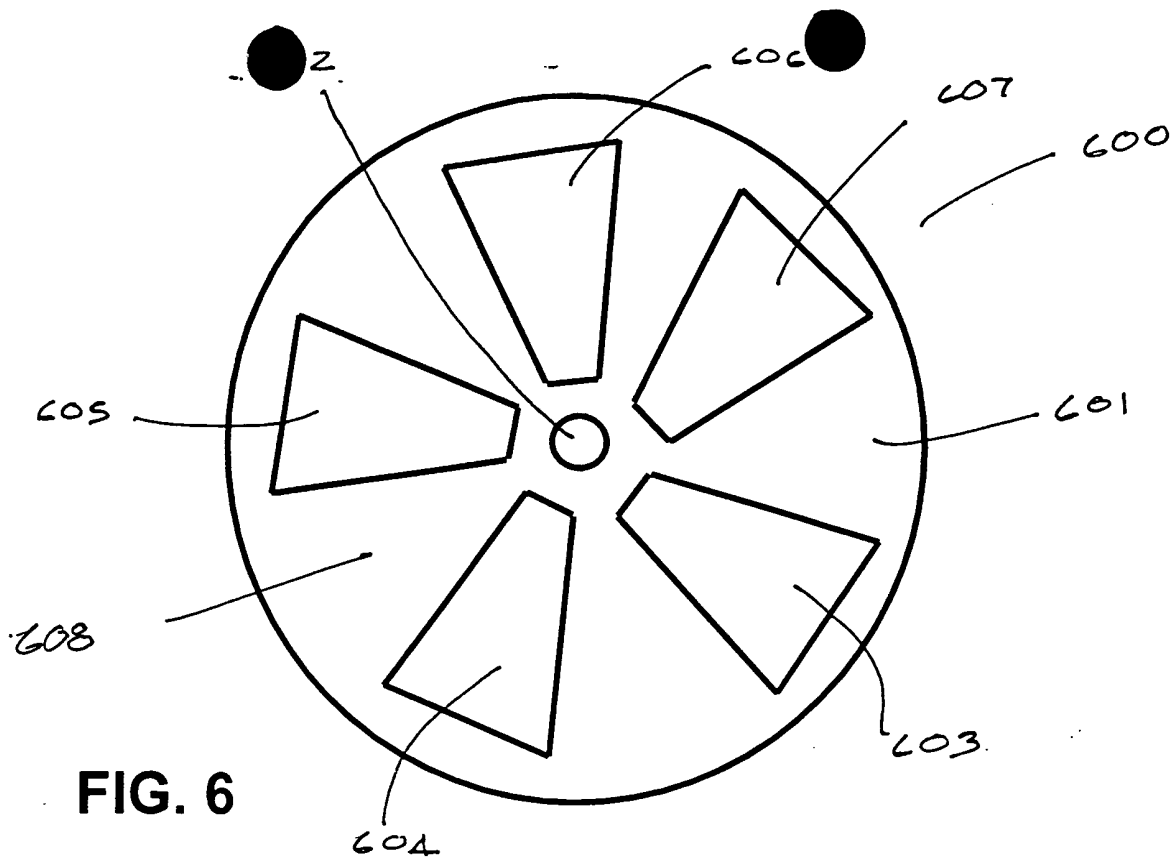


FIG. 6

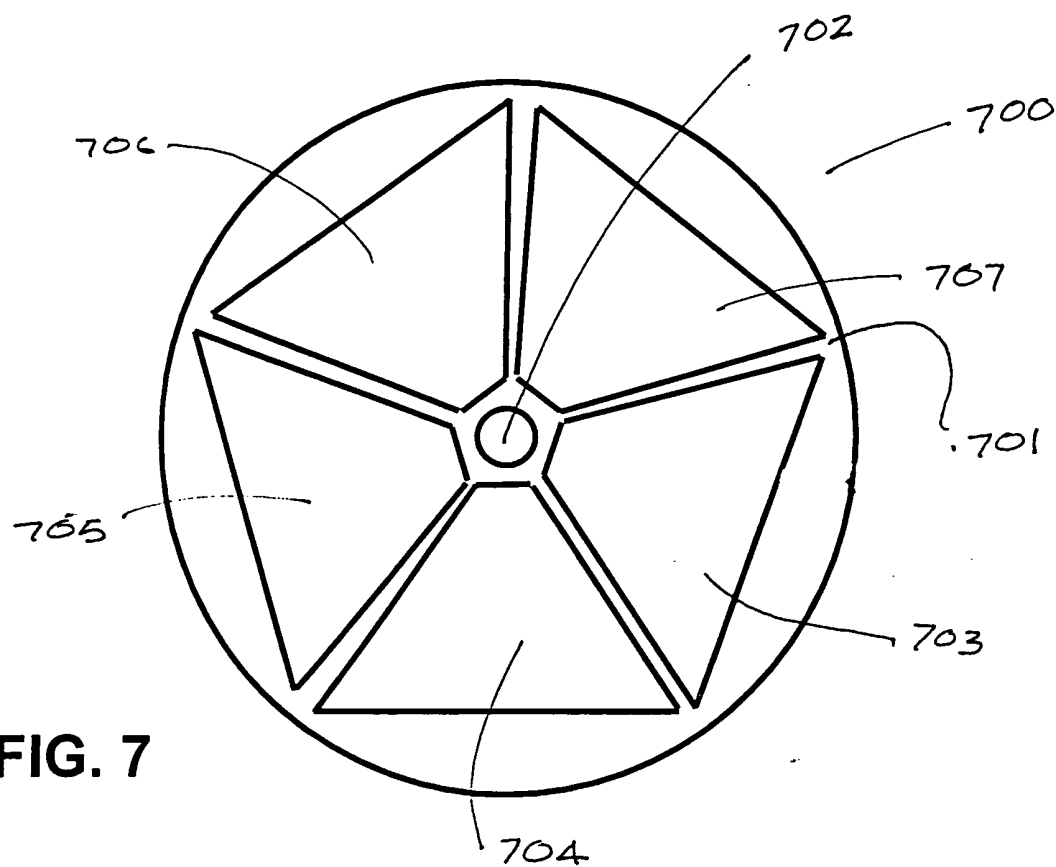


FIG. 7

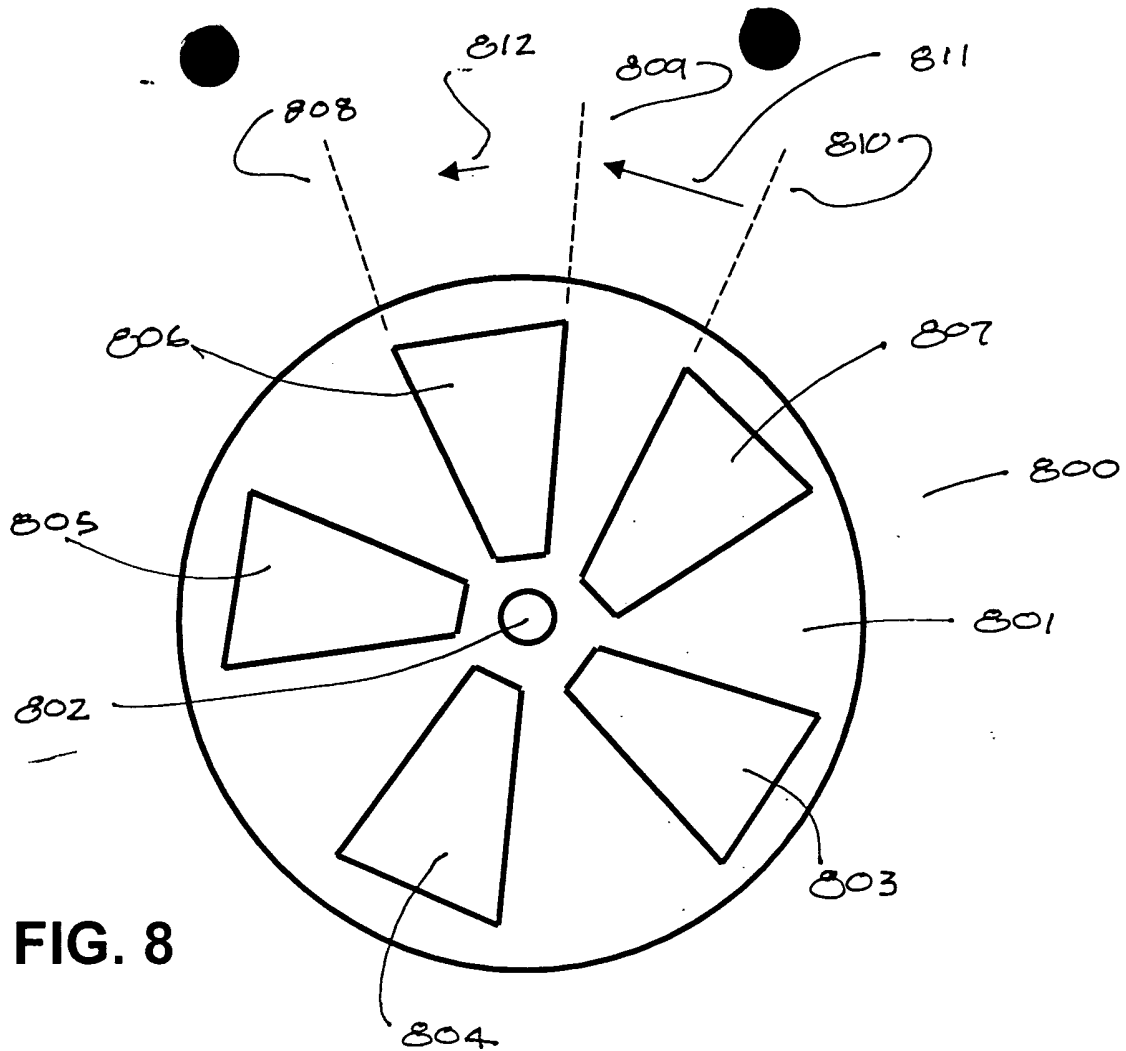


FIG. 8

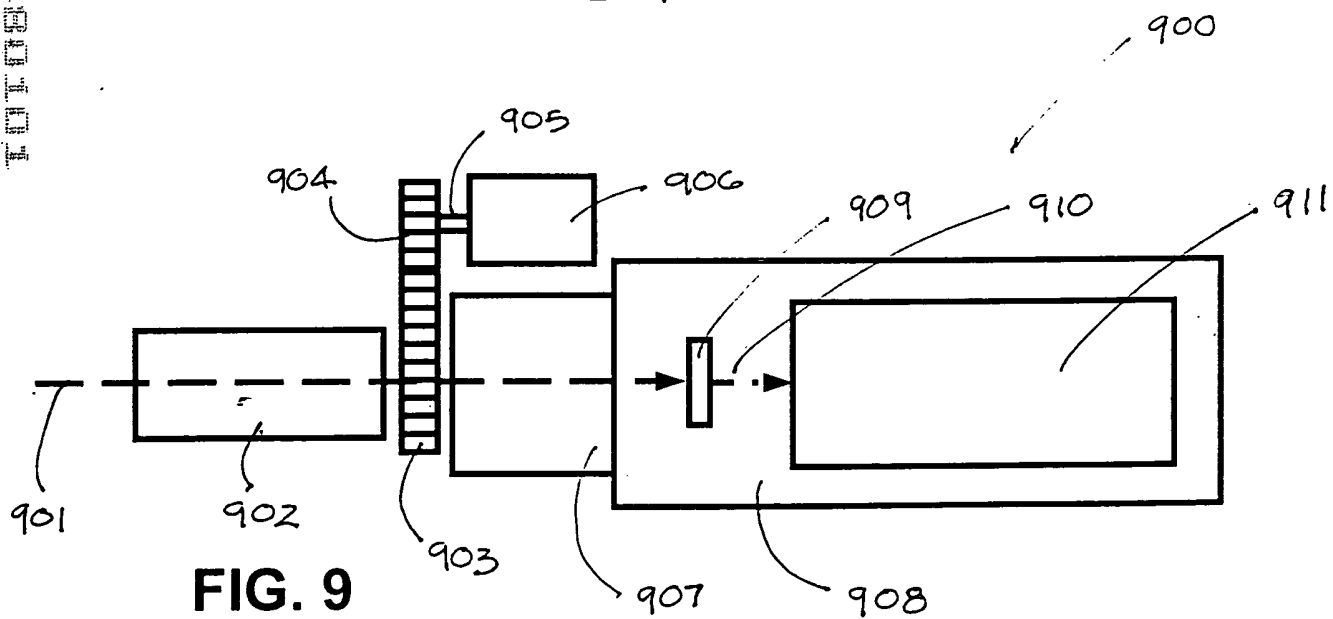


FIG. 9

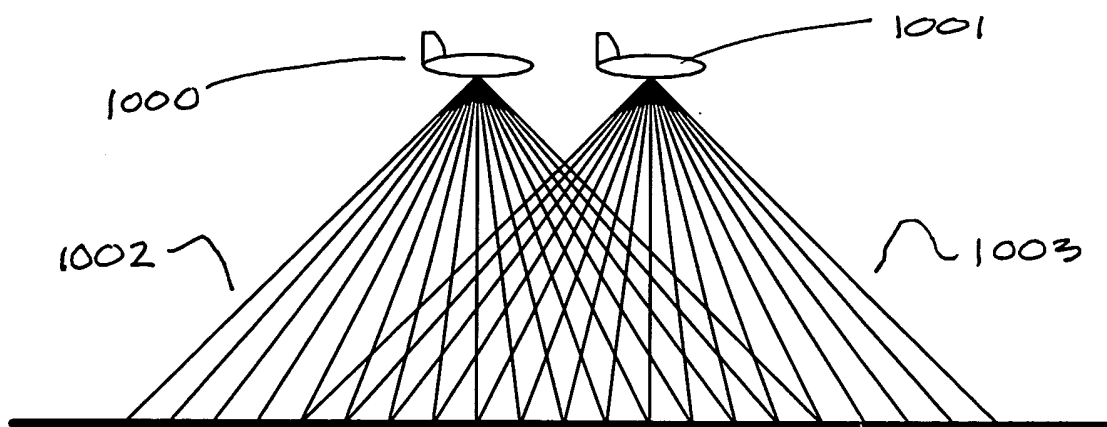


FIG. 10

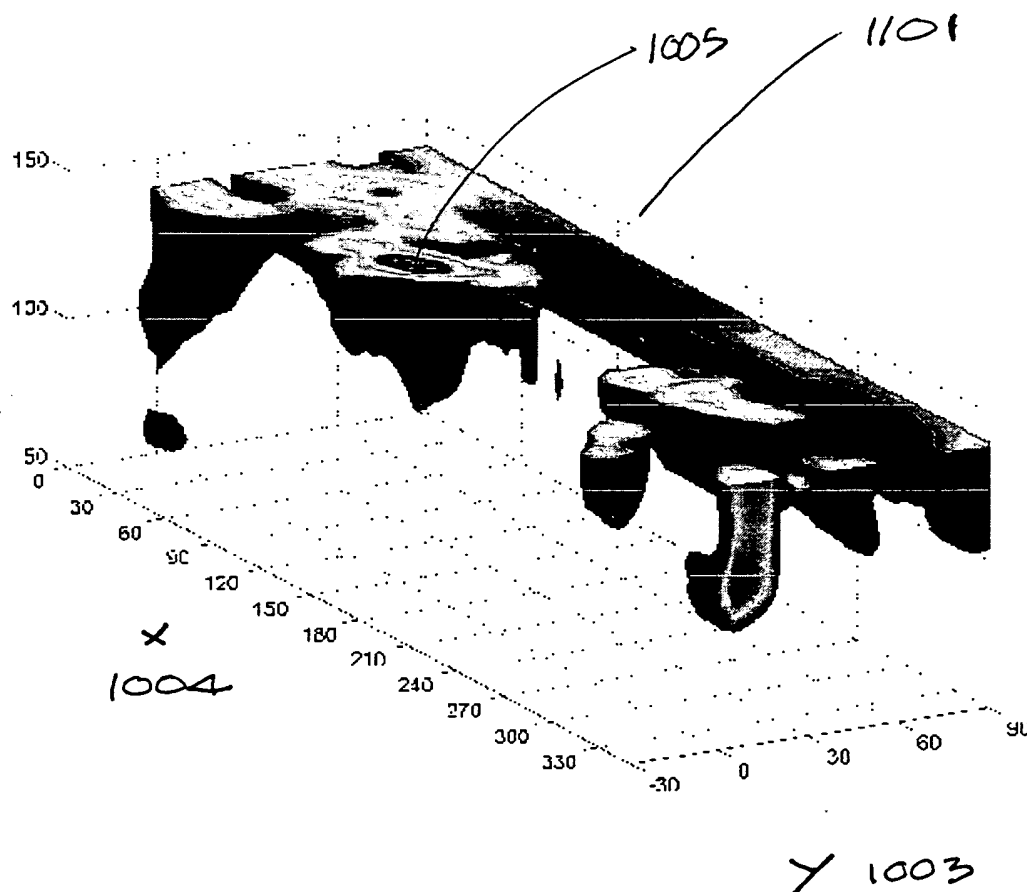


FIG. 11